

ER-2 #809 02/06/13

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 13-9025

Payload Configuration: AirMSPI, AMS, CPL, PACS, SSFR (w/out lower tilt table), and RSP

Nav Data Collected: Yes

Total Flight Time: 6.7 hours

Submitted by: Chris Miller on 02/08/13

Flight Segments:

From:	PMD	To:	PMD
Start:	02/06/13 17:06 Z	Finish:	02/06/13 23:24 Z
Flight Time:	6.3 hours		
Log Number:	132302 - Completed as of this flight.	PI:	David Starr
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	The objective of this flight was clear air over blue water and high Aerosol Optical Depth (AOD) measurements over the San Joaquin Valley. The aircraft did encounter some clear air, but mostly a very nice broken deck of strato cumulus. AOD levels over the SJV were moderate but very nicely defined against a bright fog background. All instruments successfully recorded another interesting and complex dataset. And with forecasts showing undesirable weather closing in, the decision has been made to conclude the PODEX Mission with this flight.		

From:	PMD	To:	PMD
Start:	02/06/13 23:24 Z	Finish:	02/06/13 23:49 Z
Flight Time:	0.4 hours		
Log Number:	132018 - Completed as of this flight.	PI:	Konrad Schmidt
Funding Source:	Craig Dobson - NASA - SMD - ESD Geodetic Imaging Program		
Purpose of Flight:	Check		
Comments:	Two shallow bank arcs were flown in order to test the Sun Photometer tilt table.		

Flight Hour Summary:

	122022	132302
Flight Hours Approved in SOFRS	48	6.8
Total Used	6.8	55.6
Total Remaining		-48.8

132302 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/14/13	13-9016	Check	3.2	3.2	3.6	
01/16/13	13-9017	Science	2.7	5.9	0.9	
01/18/13	13-9018	Science	4.6	10.5	-3.7	
01/20/13	13-9019	Science	4.8	15.3	-8.5	
01/22/13 - 01/23/13	13-9020	Science	6.9	22.2	-15.4	
01/28/13	13-9021	Science	4.3	26.5	-19.7	
01/31/13	13-9022	Science	5.4	31.9	-25.1	
02/01/13	13-9023	Science	5.6	37.5	-30.7	
02/03/13	13-9024	Science	5	42.5	-35.7	
02/06/13	13-9025	Science	6.3	48.8	-42	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_02_06_13#comment-0

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NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

132018 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/01/13	13-9023	Check	0.4	0.4	7.6	
02/03/13	13-9024	Check	0.5	0.9	7.1	
02/06/13	13-9025	Check	0.4	1.3	6.7	

132018

Flight Hours Approved in SOFRS

8

Total Used

1.3

Total Remaining

6.7

122022 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/17/12	12-9005	Other	2.6	2.6	45.4	
07/19/12	12-9006	Science	4.2	6.8	41.2	